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Analysis of MMT Effect on HC tonnage (0.03125 gpg Mn) *

- Scenario 1: Ethyl data nationwide (exc CA) with 84% market penetration; no differentiation of model year VMT
Scenario 2: Ethyl data, 84% penetration, pre-1981 vehicles see effect from 1978 analysis
Scenario 3: Ethyl data, 84% penetration, pre-1981 vehicles see effect from 1978 analysis, 9 Reform cities removed
Scenario 4: Ford data nationwide (exc CA) with 84% penetration

Scenario	Penetration MMT effect		% of VMT MMT effect		HC (tons)
	2US gas market	pre-1981 (gpm HC)	of pre-'81 fleet in '92	post 1980 (gpm HC)	
Using Ethyl-generated data					
1	84	0.018	13.7	0.018	30900 **
2	84	0.09	13.7	0.018	47833 **
3	84	0.09	13.7	0.018	39943 ***
Using Ford-generated data					
4	84	0.12	13.7	0.12	205997

*Assumes 50,000 mile effect is seen throughout life of vehicles

**Assuming 97 billion gallons of gasoline consumed per year (exc CA) and 19.13 mpg fuel economy

***Removes estimated 24 billion gallons from reform cities

